

Recombinant Pigment Epithelium Derived Factor (PEDF) Instruction Manual

SIPB374Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	47.8kDa
Accurate Molecular Mass	48kDa(Analysis of differences refer to the manual)
Residues & Tags	Asn21~Pro415 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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NPASPPEEGS PDPDSTGALV EEEDPFFKVP
VNKLA AAVSN FGYDL YRVRS STSPTTNVLL SPLSVATALS ALSLGAEQRT
ESIIHRALYY DLISSPDIHG TYKELLDTVT APQKNLKSAS RIVFEKKLRI
KSSFVAPLEK SYGTRPRVLT GNPRLDLQEI NNWVQAQMKG KLARSTKEIP
DEISILLLV AHFKGQWVTK FDSRKTSLD FYLDEERTVR VPMMSDPKAV
LRYGLSDLS CKIAQLPLTG SMSIIFFLPL KVTQNLTIE ESLTSEFIHD
IDRELKTQVA VLTVPKLLS YEGEVTKSLQ EMKLQSLFDS PDFSKITGKP
IKLTQVEHRA GFEWNEDGAG TTPSPGLQPA HLTFLDYHL NQPFIFVLRD
TDTGALLFIG KILDV
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

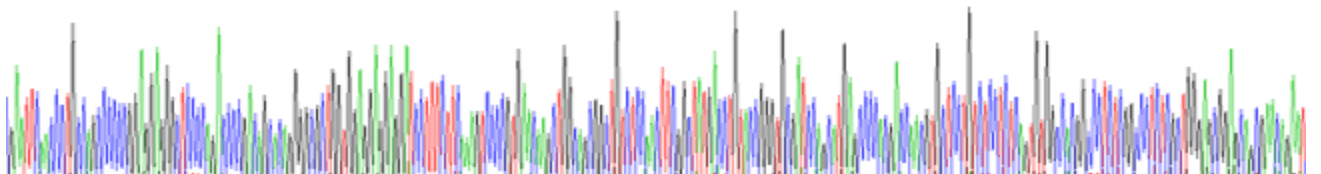
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.